

**REMARKS**

Claims 19-256 and 28-29 are pending in the application.

In the specification, a new paragraph has been added at page 1, line 6 claiming the benefit of priority to an earlier application (Application No. 09/240,639, now U.S. Patent 6,350,447). The paragraphs beginning at page 96, line 12; page 98, line 17; page 101, line 7; and page 102, line 27 have been amended to insert SEQ ID NO: tags for sequences disclosed in the specification and Sequence Listing. The paragraph beginning on page 99, line 13, was amended to delete embedded hyperlinks. The paragraph beginning on page 100, line 13 was amended to delete embedded hyperlinks, correct a spelling error, and insert SEQ ID NO: tags for sequences disclosed in the specification and Sequence Listing. The paragraph beginning at line 1 of the Abstract was amended to delete the word novel.

Applicants also submit a substitute Sequence Listing in accordance with 37 C.F.R. §1.825 in which three sequences (SEQ ID NO: 30, 31 and 32) are added; however the sequences were disclosed on page 101, line 21 (SEQ ID NO: 30), page 103, line 7 (SEQ ID NO: 31), and page 103, line 8 (SEQ ID NO: 32) of the instant specification, thus no new matter is added.

The Examiner rejected claims 19-26 and 28-29 under 35 U.S.C. §112. Applicants have amended the claims following the Examiner's suggestions. In light of the amended claims, Applicants respectfully request that the 35 U.S.C. §112 rejections be withdrawn.

**CONCLUSION**

On the basis of the foregoing amendments and remarks, Applicants respectfully submit that the pending claims are in condition for allowance, and a Notice of Allowance is respectfully requested as soon as possible. If there are any questions regarding these amendments and remarks, or if further discussion would expedite allowance of the claims, the Examiner is encouraged to contact the undersigned at the telephone number provided below.

Respectfully submitted,

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By: Renée S. Polizotte  
Renée S. Polizotte, Ph.D.  
Agent for Applicants  
Registration No.: 53,474  
NUVELO (formerly HYSEQ, INC.)  
675 Almanor Avenue  
Sunnyvale, CA 94085  
(408) 215-4522  
(408) 524-8145 (Telefacsimile)